GPS
MULTI-TRACKER

To find the way...

MT5013

User's Manual

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Description

Media-Tech GPS MULTI-TRACKER is a new GPS invention. It includes four innovative and useful functions, especially for travelers.

Location Finder: With eight LEDs, GPS MULTI-TRACKER directs you to reach the position you have saved previously, such as car position, or hotel position or exit from the forest. Searching your favorite location, you can upload it to GPS MULTI-TRACKER for getting there.

Data Logger: Along with you, GPS MULTI-TRACKER offers simultaneous use of real-time GPS reception and data logging to know where you have been. What is more, GPS MULTI-TRACKER is able to record POIs.
Photo Tagger: With installation of Photo Tagger software, GPS MULTI-TRACKER shows you the locations you have taken the photos. Sharing your memories with others!

GPS Receiver: Working with a laptop PDA or mobile phone, GPS MULTI-TRACKER becomes your personal navigator.

Package content

1. GPS MULTI-TRACKER
2. Li-ion rechargeable battery
3. Car charger
4. USB cable
5. Strap
6. Software CD
7. Anti-slide pad

Features

GPS chipset:

- SkyTraq Venus 6 chipset with 65-Channel for fast acquisition and reacquisition
- High sensitivity (up to -160dBm)
- Excellent performance TTFF - Cold/Warm/Hot start time: 29/25/1 sec. (average)
- Support standard NMEA0183
- WAAS / EGNOS supported

Hardware:

- Capable of keeping up to 100,000 records or positions, including longitude, latitude, speed, UTC and tag data
- Smart power saving / 650mAh Li-Ion rechargeable battery – up to 14 hours usage

- Eight LEDs indicating clear directions
- No installation needed, user friendly
- Slick and slim design, light and portable, 70.0(L) X 28.0 (W) X 20.0 (H) mm/ 25g (without battery)
- USB Interface
- Bluetooth Interface
- Able to record POI
- Two direction switch for two modes: Location Finder and Data Logger

Photo Tagger Software:

- Support Windows, XP, and Vista
- Free update
- User friendly interface
- Able to upload to www.flickr.com
- Able to export to KMZ, NMEA183 and GPX format
- Able to view speed and altitude
- Multi-language
- Photo slide show
- Track management
- Support Video playback (AVI, MP4) on the Tracks
- Able to upload any location on to GPS MULTI-TRACKER

Icons and Indicators

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LED Indicators

1. GPS Indicator (Green): Automatic search for GPS
(i) Steady light on indicate searching for position.
(ii) Steady flash indicates fixed GPS position.
2. Power Indicator (Red):
(i) Steady flashing every second indicates insufficient power
(ii) Steady light on indicate power charging
3. Destination Indicator (Blue):
(i) Steady flash indicate distance to destination is <50M;
(ii) Steady light on indicate distance to destination is <15M
4. 8 Direction Indicator:
(i) Once destination has been successfully established, all 8 arrow direction lights would sequentially flash once.
(ii) Once destination has been established with LF function, direction arrow would light steadily, pointing to the destination direction continuously.

	LED Status	Flash	ON	OFF
1	**GPS (Green)**	GPS position is fixed	GPS Searching	Not connected
2	**Power (Red)**	Low Power	Recharging	Sufficient Power
3	**Destination (Blue)**		< 15M to destination	
4	**Direction (Red)**	Destination is set (all direction LEDs flash once) <50M to destination (One of the direction LEDs flashes)	Indicate the direction	

Operations

Before you use

For the first time using GPS MULTI-TRACKER, please charge battery until it is fully charged. Take the USB cable and connect it to the power jack then connect

another side to PC, Laptop or car cigarette adaptor. This will begin to charge the battery. Charging time is 3 hours typically. A fully charged battery can last for up to 14 hours continuously operation.

Start to use

Turn on GPS MULTI-TRACKER with switch into either LF or DL mode. Once GPS MULTI-TRACKER power is turned on automatic search for GPS signal would begin. Once GPS position is fixed, the GPS (Green) LED will start to flash once every second.

NOTE:
GPS MULTI-TRACKER is only workable outdoors.

To use Location Finder

Switch to LF mode for starting location finder

1. Set a destination:

(a) Confirm GPS indicator is flashing. Current location would be stored after 2 second press into set up button. Once destination has been successfully established, all 8 arrow direction lights would sequentially flash once. After destination has been established, GPS MULTI-TRACKER is available to switch into DL or OFF mode. Switch into LF mode, with 2 second press into set up button would rewrite new destination over old.

(b) Using software pre-set destination.

Note: Only DL enables data log.

2. Search for destination:

(a) Once destination has been established with LF function, direction arrow would light steadily, pointing to the destination direction continuously. Switch into DL mode, 8 direction arrow light would continue to light steadily towards the destination position.

(b) When approach to destination within 50M of distance, direction arrow light would flash once every second guiding you to your destination.

(c) When approach to destination within 15M of distance, direction arrow would light steadily guiding you to your destination.

The switch arrow must point to LF.

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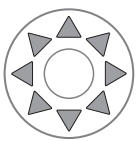
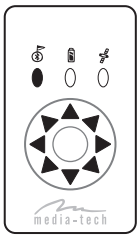
Set up a destination

Make sure the GPS (Green) LED is flashing.

NOTE: The USB port side must face the user and the power switch side must be toward the direction the user head to.





Press the setting button for 2 seconds, and then all direction (Red) LEDs will flash together for 3 seconds.

The Destination (Blue) LED flashes after all direction (Red) LEDs have flashed, which indicates the position has been saved. When its at LF mode the device is not storing any track, therefore, please switch device DL mode for data log. DL mode can also be used as LF lock key; to prevent destination stored in LF been erased.

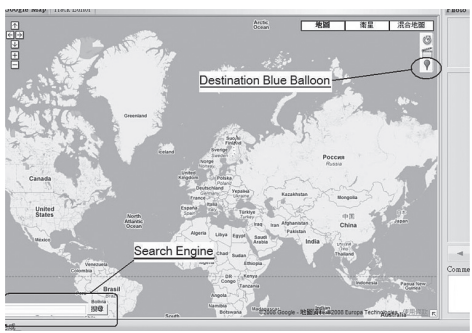
Note: If Destination LED (Blue) doesn't flash after the Direction LED (Red), please try again.

Upload your favorite location from Photo Tagger software

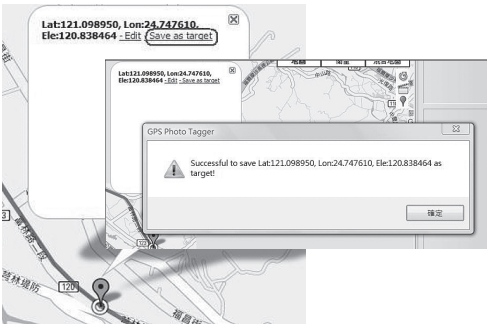
In addition to setting up the destination on GPS MULTI-TRACKER, you can also upload the coordinate location from Photo Tagger software. For further instruction, please refer to the user manual of Photo Tagger software.

Using software to preset destination

1. Places that you've never been: Find a search engine on the left hand bottom of software. After entering the desired address, press search to find your target. After the target location has been indicated, add a blue "balloon" sign (indicate on the right hand top of the map displaying screen).

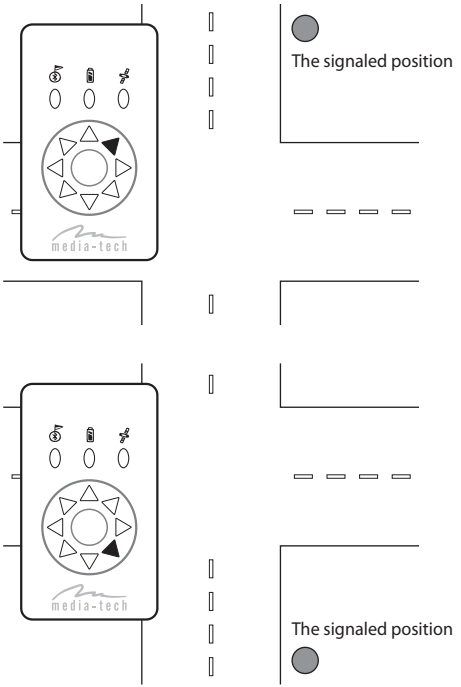


2. Places you've been or a place has been marked: Upload your data/ photo, and find the marked red "balloon" signs. Use "Save as target" function appeared in the dialog box, and automatic connection with hardware would store the appointed location as a destination within GPS MULTI-TRACKER. After the location has been saved, a successful storage dialog box would appear.


Lat:121.098950, Lon:24.747610,
Ele:120.838464 - Edit - Save as target
Lat:121.098950, Lon:24.747610,
Ele:120.838464 - Edit - Save as target
GPS Photo Tagger
Successful to save Lat:121.098950, Lon:24.747610, Ele:120.838464 as target!
確定

Look for the destination

Change the power switch to LF mode. Once the GPS position is fixed, one of the direction arrows (Red) LEDs will start to indicate the directions.



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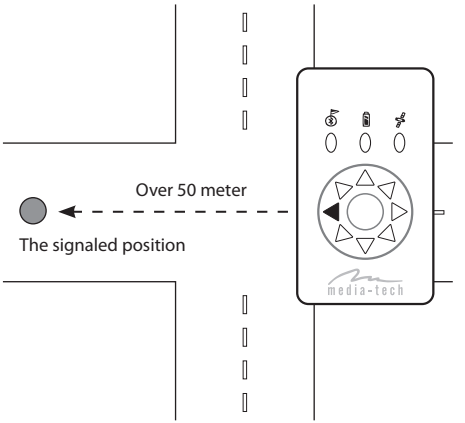
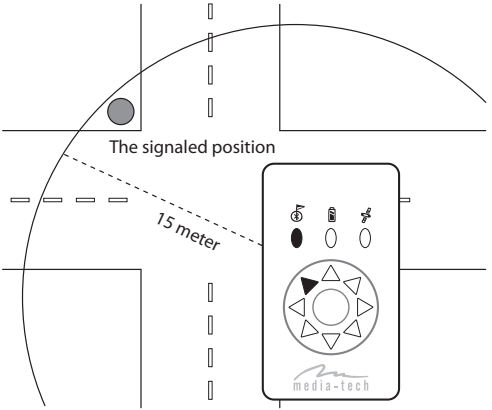
NOTE: The power Jack side must face the user.
When you are within 50 meters of the destination, one of the direction (Red) LEDs will flash for indicating you to approach the destination.



When you are within 15 meters of the destination, the destination (Blue) LED will be on. Following the indication of the direction (Red) LEDs, you can simply find the position saved before.



To use Data Logger

Data Log: Data log function correctly when GPS indication light is flashing.

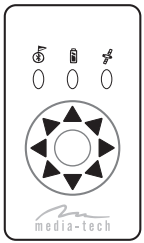
Switch to DL mode for logging tracks

The switch arrow must point to DL.

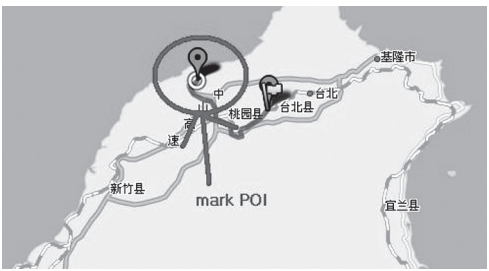
As long as the GPS (Green) LED flashes, GPS MULTI-TRACKER is logging tracks.

Record Points of Interest (POIs)

In DL mode, GPS MULTI-TRACKER is able to record POIs. Press the setting button for 2 seconds, the position will be recorded. All direction LEDs flashing together for 1 second indicates the position has been recorded.



While uploading the tracks to PC, you can also see the POIs you have recorded.



Note: The direction (Red) LEDs still keep indicating to the destination you have set in LF mode before, even though GPS MULTI-TRACKER is in DL mode.

To use as GPS receiver

To use GPSMULTI-TRACKER as GPS receiver, proper map/navigation software installed on notebook, PDA or mobile phone device

Plug the USB cable and connect with a laptop.

The laptop must have mapping software installed. (We don't provide it) After connecting with laptop by USB cable, GPS MULTI-TRACKER becomes your personal navigator.

To use as Bluetooth GPS receiver

To use GPS MULTI-TRACKER as GPS receiver, proper map/navigation software installed on notebook, PDA or mobile phone device.

1. Switch ON device to DL mode (Bluetooth is not working in LF mode)
2. Activate Bluetooth function in Your PDA, notebook or mobile phone
3. Start pairing process (refer PDA, mobile phone, notebook manual)
4. When asked for password, enter: 0000
5. After completed device pairing, click "Serial port" tag in Bluetooth setting and make sure that "Outbound COM port" has been assigned. If not, add it manually.
6. Set correct serial port in Your navigation software (refer to software manual)

To use Photo Tagger

Install Photo Tagger software and enter the product key

The Photo Tagger software supports Windows, XP, and Vista. After completing installation, enter the product key which is on the package of the CD.

Read the user manual of Photo Tagger software

Go to <Help> to bring up the user manual of Photo Tagger software.

Battery maintenance

GPS MULTI-TRACKER is equipped with high-quality Li-Ion rechargeable battery. Battery is covered only by limited warranty as supply for device

Every rechargeable battery has "memory effect" which causes shrinking capacity after period of time and depend of charging-recharging cycles. To decrease "memory-effect" please try to do not charge battery if is not completely discharged or for every 4th cycle, discharge battery completely before charging.